

WEST Search History for Application 10540952

Creation Date: 2008092121:58

Query	DB	Op.	Plur.	Thes.	Date
((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR)) and (phas\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4)) and (half or middle or midway or mid-way or "mid way" or inbetween or center)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center)) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation")) and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation")) and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave	PGPB, USPT, USOC, EPAB,	ADJ			03-16-2008

formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4)) and ("180" or (oppos\$4 with (polarity or direction or phase)))	JPAB, DWPI, TDBD				
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altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))) and (sense or sensitivity or sensitivities or sensing or sensed)					
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(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or	PGPB, USPT, USOC,	ADJ			03-16-2008

<p>wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rl" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))) and (sense or sensitivity or sensitivities or sensing or sensed) and (profil\$4 or trajectory or path) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))) and (array or ((plurality or multi or multiple) with coil))</p>	<p>EPAB, JPAB, DWPI, TDBD</p>				
<p>((((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>ADJ</p>			<p>03-16-2008</p>
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altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))					
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20060091884	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-16-2008
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or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))) and (local\$4)	TDBD				
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and (local\$4)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave	PGPB, USPT, USOC, EPAB,	ADJ	YES		03-16-2008

formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))	JPAB, DWPI, TBD				
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))) not (((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TBD	ADJ	YES		03-16-2008

or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4) and (local\$4) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))					
((324/300-322.ccls.) of (600/407-435.ccls.))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
((324/300-322.ccls.) or (600/407-435.ccls.))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
((((324/300-322.ccls.) or (600/407-435.ccls.))) and (((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008

formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))))					
(((324/300-322.ccls.) or (600/407-435.ccls.)) and ((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))) and (((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008

switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and (local\$4))					
20060091884	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4) same (polarity or direction or phase))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (180))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008

(20060091884 and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(20060091884 and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and ((simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008

switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))	TDBD				
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))) and ((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))) and ((magnetic adj resonan\$2) or MRI or NMR)) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave	PGPB, USPT, USOC,	ADJ	YES		03-16-2008

formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))	EPAB, JPAB, DWPI, TDBD				
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008

winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))) and (local\$4)					
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and (local\$4)) and (((324/300-322.ccls.) or (600/407-435.ccls.)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
5150053.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
5150053	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-16-2008
((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR)) and (phas\$4)	PGPB, USPT, USOC,	ADJ			09-21-2008

	EPAB, JPAB, DWPI, TDBD				
((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4)) and (half or middle or midway or mid-way or "mid way" or inbetween or center)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center)) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation")) and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4)) and ("180" or (oppos\$4 with (polarity or direction or phase)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))) and (sense or sensitivity or sensitivities or sensing or sensed)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))) and (sense or sensitivity or sensitivities or sensing or sensed)) and (profil\$4 or trajectory or path)					
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))) and (sense or sensitivity or sensitivities or sensing or sensed) and (profil\$4 or trajectory or path)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))) and (sense or sensitivity or sensitivities or sensing or sensed)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

and (profil\$4 or trajectory or path) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))) and (array or ((plurality or multi or multiple) with coil))				
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008

<p>waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))) and (array or ((plurality or multi or multiple) with coil))</p>				
<p>((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))) and (array or ((plurality or multi or multiple) with coil))</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
<p>((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple) with coil)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
<p>((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or</p>	PGPB, USPT, USOC,	ADJ		09-21-2008

<p>wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((array or ((plurality or multi or multiple) with coil)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))) and (profil\$4 or trajectory or path)</p>	EPAB, JPAB, DWPI, TDBD				
<p>((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((array or ((plurality or multi or multiple) with coil)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and (profil\$4 or trajectory or path)) and (coil\$3 or loop\$3 or ring or annular\$2 or anulus or winding)</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
<p>((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))) and (array or ((plurality or multi or multiple) with coil)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and (profil\$4 or trajectory or path) and (coil\$3 or loop\$3 or ring or annular\$2 or anulus or winding)) and (current or direction or revers\$4 or arrow)					
20060091884	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4)) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave	PGPB, USPT, USOC, EPAB,	ADJ			09-21-2008

formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)	JPAB, DWPI, TDBD				
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

or ((oppos\$4 or revers\$4)with (polarity or direction or phase))))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))					
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))) and (local\$4)					
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and (local\$4)) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))					
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))) not (((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (array or ((plurality or multi or multiple or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008	

group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4) and (local\$4) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)))					
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(((324/300 324/301 324/302 324/303 324/304 324/305 324/306 324/307 324/308 324/309 324/310 324/311 324/312 324/313 324/314 324/315 324/316 324/317 324/318 324/319 324/320 324/321 324/322).ccls.) or ((600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435).ccls.))) and (((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))))				
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form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase)))) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and (local\$4))					
20060091884	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4)with (polarity or direction or phase))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ("180" or ((oppos\$4 or revers\$4) same (polarity or direction or phase))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (180))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(20060091884) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or	PGPB, USPT, USOC,	ADJ			09-21-2008

changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	EPAB, JPAB, DWPI, TDBD				
(20060091884 and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(20060091884 and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and ((simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path))) and ((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR)) and ((radio	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008

with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)				
((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency)) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008

sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and (local\$4)					
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5150053.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
5150053	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ			09-21-2008

	TDBD			
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn)))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (simultaneous\$4 or "at the	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008

same time" or ((parallel or array\$3 or matrix) with (acquir\$3 or acquisition or excitation or excit\$4)))					
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or ((parallel or array\$3 or matrix) with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

"rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or ((parallel or array\$3 or matrix) with (acquir\$3 or acquisition or excitation or excit\$4))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel with (acquir\$3 or acquisition or excitation or excit\$4)))				
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or ((parallel or array\$3 or matrix) with (acquir\$3 or acquisition or excitation or excit\$4))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008

<p>changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel with (acquir\$3 or acquisition or excitation or excit\$4)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4))</p>				
<p>((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((sense or sensitivity or sensitivities or sensing or sensed) same (profil\$4 or trajectory or path)) and ((magnetic adj resonan\$2) or MRI or NMR) and ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) and (array or ((plurality or multi or multiple or group or "set") with (coil or probe or antenna or winding or turn))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or ((parallel or array\$3 or matrix) with (acquir\$3 or acquisition or excitation or excit\$4))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		09-21-2008

frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))))				
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switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel with (acquir\$3 or acquisition or excitation or excit\$4))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4))) and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))))					
33 and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(33 and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))					
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))))) and ((output\$3 or result) same (first or second or "1st" or "2nd" or initial42 or primary or secondary) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4 or distinct) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase)))) and ((output\$3 or result) same (first or second or "1st" or "2nd" or initial42 or primary or secondary) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4 or distinct) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

<p>or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((output\$3 or result) same (first or second or "1st" or "2nd" or initial42 or primary or secondary) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4 or distinct) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase)))))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))) and ((output\$3 or result) same (first or second or "1st" or "2nd" or initial42 or primary or secondary) same ("time" ot temporal\$2) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4 or distinct) same (phas\$4) same ("180" or (oppos\$4 with (polarity or direction or phase))))))</p>				
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direction or phas\$3)))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or (parallel with (acquir\$3 or acquisition or excitation or excit\$4)))))					
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((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

excit\$4))					
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4))) and ((local\$2 or immediate or adjacent) same (area or volume or region or zone or ROI or VOI or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and ((local\$2 or immediate or adjacent) same (area or volume or region or zone or ROI or VOI or region)))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or adjacent) same (area or volume or region or zone or ROI or VOI or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (phas\$4) and (half or middle or midway or mid-way or "mid way" or inbetween or center) and (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") and (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) and ("180" or (oppos\$4 with (polarity or direction or phase))) and ((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) and ((local\$2 or immediate or adjacent) same (area or volume or region or zone or ROI or VOI or region))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or adjacent) same (area or volume or region or zone or ROI or VOI or region)))) and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (half or middle or midway or mid-way or "mid way" or inbetween or center) same (different or change or changing or changed or changeable	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

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((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

direction or phas\$3))))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4))					
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4))) and (20060091884 and ((puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (simultaneous\$4 or "at the same time" or parallel) with (acquir\$3 or acquisition or excitation or excit\$4)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008
(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4))) and (((single or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same (phas\$3) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))))					
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((((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ			09-21-2008

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or direction or phas\$3)))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane)))) and ((magnetic adj resonan\$2) or MRI or NMR)					
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(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same (phas\$3) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane)))) and (maintain\$4 or held or hold\$3 or sustain\$3 or keep\$3 or kept or constant\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			09-21-2008

<p>"radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same (phas\$3) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane))) and ((magnetic adj resonan\$2) or MRI or NMR)) and (maintain\$4 or held or hold\$3 or sustain\$3 or keep\$3 or kept or constant\$2)</p>					
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"ROI" or "VOI" or slice or slap or plane))) and ((magnetic adj resonan\$2) or MRI or NMR) and (maintain\$4 or held or hold\$3 or sustain\$3 or keep\$3 or kept or constant\$2)) and (consistant\$2 or consistent or continuous\$2)					
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(((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-21-2008

<p>"radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same (phas\$3) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3)))) and (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane))) and ((magnetic adj resonan\$2) or MRI or NMR) and (maintain\$4 or held or hold\$3 or sustain\$3 or keep\$3 or kept or constant\$2)) and (irradiation or excitation)</p>				
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((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane)))))					
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(((324/300 324/301 324/302 324/303 324/304 324/305 324/306 324/307 324/308 324/309 324/310 324/311 324/312 324/313 324/314 324/315 324/316 324/317 324/318 324/319 324/320 324/321 324/322).ccls.) or ((600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435).ccls.))) and ((phas\$3) same (irradiation or excitation) same (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-21-2008
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acquisition or excitation or excit\$4))				
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(((324/300 324/301 324/302 324/303 324/304 324/305 324/306 324/307 324/308 324/309 324/310 324/311 324/312 324/313 324/314 324/315 324/316 324/317 324/318 324/319 324/320 324/321 324/322).ccls.) or ((600/407 600/408 600/409 600/410 600/411 600/412 600/413 600/414 600/415 600/416 600/417 600/418 600/419 600/420 600/421 600/422 600/423 600/424 600/425 600/426 600/427 600/428 600/429 600/430 600/431 600/432 600/433 600/434 600/435).ccls.)) and ((phas\$3) same (irradiation or excitation) same (((select\$4 or choose or choosing or chosen) same (acquir\$3 or acquisition or excitation or excit\$4)) same ((local\$2 or immediate or "adjacent") same (area or volume or region or zone or "ROI" or "VOI" or slice or slap or plane))))) and ((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) and ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-21-2008

<p>wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))) and (((single or one or individual or separat\$3) same (simultaneous\$4 or "at the same time" or parallel) with ((radio with frequency) or radio-frequency or "radio frequency" or "rf" or radiofrequency) with (acquir\$3 or acquisition or excitation or excit\$4)) same (phas\$3) same ((half or middle or midway or mid-way or "mid way" or inbetween or center) same (puls\$4 or "wave form" or wave-formation or wave-form or waveform or "wave formation") same (different or change or changing or changed or changeable or alter or altering or altered or vary or varied or varying or switch or switching or switched or switchable or shift\$4) same ((phase or "180" or "180.degree.") or ((oppos\$4 or revers\$4) same (polarity or direction or phas\$3))))))</p>					
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